

Comparisons of Job Characteristics

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 39

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Food Production	2.1	13.2	1.5	<<	Extensive education and/or training may be required
Mechanical	6.8	13.0	9.8	<<	Extensive education and/or training may be required
Transportation	4.6	10.0	16.0	>>	Current knowledge level is likely more than sufficient
Geography	3.9	9.2	12.5	>>	Current knowledge level is likely more than sufficient
Production and Processing	6.0	8.7	4.6	<<	Extensive education and/or training may be required
Telecommunications	3.9	6.8	8.2	>	Current knowledge level is likely sufficient
Biology	3.7	5.9	2.5	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 81

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Operation and Control	5.4	9.0	14.0	>>	Skill level is likely more than sufficient
Repairing	3.4	7.9	5.9	<<	Extensive development of skills in this area may be required
Equipment Maintenance	3.5	7.2	5.8	<	A higher skill level may be required
Troubleshooting	4.5	6.9	7.9	>	Skill level is likely sufficient

Equipment Selection	3.3	5.9	4.2	<<	Extensive development of skills in this area may be required
---------------------	-----	-----	-----	----	--

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities	Similarity of Focus Occupation to Associated Occupation: 52
-----------	---

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)
Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Static Strength	5.0	12.9	5.4	<<	Extensive improvement in abilities may be required
Multilimb Coordination	6.0	11.9	10.1	<	Some improvement in abilities may be required
Reaction Time	4.8	11.9	10.6	<	Some improvement in abilities may be required
Extent Flexibility	4.8	11.6	6.0	<<	Extensive improvement in abilities may be required
Manual Dexterity	6.5	11.4	8.8	<<	Extensive improvement in abilities may be required
Far Vision	7.8	10.6	15.9	>>	Current ability level is likely more than sufficient
Rate Control	3.8	9.8	9.4	0	Current ability level may be sufficient
Dynamic Strength	3.5	8.5	3.9	<<	Extensive improvement in abilities may be required
Glare Sensitivity	2.6	8.0	11.6	>>	Current ability level is likely more than sufficient
Gross Body Equilibrium	3.2	8.0	5.0	<<	Extensive improvement in abilities may be required
Spatial Orientation	2.7	7.8	13.4	>>	Current ability level is likely more than sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common	Similarity of Focus Occupation to Associated Occupation: 83
---	---

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)
Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Work Activities	Exclusivity of Activity
Operate boat or towing equipment	95
Signal directions or warnings to coworkers	42
Stand watch on vessel	92
Steer boat or ship	92
Use knowledge of seamanship or boat handling	92

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Captains, Mates, and Pilots of Water Vessels (53-5021)

Associated Occupation: Fishers and Related Fishing Workers (45-3011)

Tools and Technologies	Exclusivity
------------------------	-------------

Tools and technology data is unavailable for one or both occupations.	
---	--

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.